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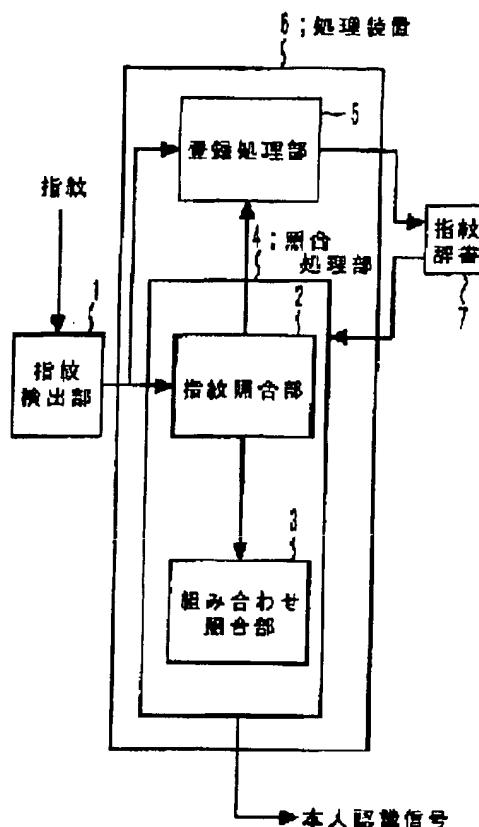
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TITLE : AUTHENTICATION DEVICE AND
AUTHENTICATION METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To make extremely improvable the accuracy of authentication by collating the detection of a fingerprint, the type of a finger used for the fingerprint detection and an input sequence with the previously registered information respectively.

SOLUTION: A fingerprint information is inputted from a fingerprint detection part 1 and sent to a fingerprint collation part 2 which performs the collation to decide whether the relevant fingerprint is already registered by referring to the fingerprint information which is registered in a fingerprint dictionary 7. If the fingerprint information is already registered in the dictionary 7, the part 2 recognizes the finger type and judges whether the input sequence of finger types recognized at a combination collation part 3 is correct or not. If the input sequence is correct, the same operation is repeated for the following input of fingerprints. When the final input of fingerprint is over, it is collated that the number of inputted fingerprints is coincident with the number of previously inputted fingerprints or not. If the number of inputted fingerprints is correct, it is judged that the person who inputted the fingerprint is coincident with the person himself who is previously registered, and an identity recognition signal is outputted.

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